Tittle of Thesis

: The Development of Student Worksheet Based Guided Inquiry using 4-D Method with PhET Simulation on Work and Energy Topic

Name **ID** Number

Study Program

Department

: 4153322017

: Nurreda

: Bilingual Physics Education

: Physics

Approval By: Thesis Supervisor

Drs. Jurubahasa Sinuraya., M.Pd NIP. 19600130 198601 1 002

Acknowladge By :

Head of Physics Department,

Coodinator of Bilingual Program,

Br. Wawan Bunawan, M.Pd., M.Si NIP. 19681205 199303 1 001

Dr. Iis Siti Jahro, M.Si NIP. 1965 015 199203 2 003

MI Dr. Martina Restuati, M.Si NIP. 19630321 198803 2 002

Ø

Date of Graduate: 27 June 2019

BIOGRAPHY

Nurreda was born in Medan, Sumatera Utara on July, 11th 1997. Father's name is Drs. Junaidi and Mother's name is Teti Ernawati S.Pd. Nurreda is the second child from four siblings. In 2003, author entered at SDN 105297 Helvetia and graduated in 2009. In 2009, author continued her education at SMP Negeri 1 Labuhan Deli, and graduated in 2012. In 2012 author continued her education at SMA Swasta Laksamana Martadinata Medan, and graduated in 2015. in 2015, author was accepted in Billingual Physics Education Study Program in Department of Physics, Faculty of Mathematics and Natural Sciences in State University of Medan.

